



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: TADA et al.

Serial No.: 10/814,803

Filed: 4/1/2004

Title: MULTI-LAYER PRINTED CIRCUIT
BOARD AND METHOD FOR
MANUFACTURING THE SAME

Atty. Dkt.: 01-627

Art Unit: 2841

Examiner: Jeremy C. NORRIS

Commissioner for Patents
U.S. Patent and Trademark Office
Customer Window, Mail Stop Amendment
Randolph Building
401 Dulany St.
Alexandria, VA 22314

Date: 28 June 2007

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the references listed on the attached Form PTO-1449 are being submitted for consideration by the Examiner without any admission that they constitute statutory prior art, or without any admission that they contain subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

Further, pursuant to 37 C.F.R. §1.97(e), the undersigned hereby certifies that each listed reference was first cited in a Communication (copy and English translation enclosed) from a foreign patent office in connection with a counterpart foreign application not more than three months prior to the filing of this statement. As a final Office Action on the merits has been mailed in the above identified application, the fee due under 37 C.F.R. 1.17(p) is enclosed. Please charge any additional fee to Applicant's attorney's Deposit Account No. 50-1147.

Also, the Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed references have been considered and made of record.

Respectfully submitted,

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FORM PTO-1449

ATTY. DKT
NO.

01-627

SER. NO.

10/814,803

APPLICANT

TADA et al.

FILING DATE

April 1, 2004

GROUP

2841

REFERENCE DESIGN

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
JN	2002/0117743 A1 (Corresponds to CN 1366444 A)	8/29/02	NAKATANI et al.		
JN	2004/0158980 A1 (Corresponds to CN 1366444 A)	8/19/04	NAKATANI et al.		
JN	2005/0230848 A1 (Corresponds to CN 1366444 A)	10/20/05	NAKATANI et al.		

FOREIGN PATENT DOCUMENTS

TRANSLATION									NO	
		DOCUMENT NUMBER	DATE	CCOUNTRY	NAME	CLASS	SUB CLASS	YES		
									Eng. Abstract	

- * Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

Notice of Reason for Refusal from Chinese Patent Office issued on September 28, 2006 for the corresponding Chinese patent application No.200410034233.X (a copy and English translation thereof)	
EXAMINER	DATE CONSIDERED
/Jeremy Norris/	02/20/2007



FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT DOCUMENTS	ATTY. DKT NO.	01-627	SER. NO.	10/814,803
	APPLICANT TADA et al.			
	FILING DATE	April 1, 2004	GROUP	2841

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
		2005/0000725 (Corresponds to JP-A-2002- 374067)	81/6/05	SHIRAISHI et al.		
		2006/254050 (Corresponds to JP-A-2003- 92460)	11/16/06	FUKUOKA et al.		
		6,818,836 (Corresponds to JP-A-2002- 374067)	11/16/04	SHIRAISHI et al.		
		6,872,893 (Corresponds to JP-A-2003- 92460)	3/29/05	FUKUOKA et al.		
		7,100,276 (Corresponds to JP-A-2003- 92460)	9/5/06	FUKUOKA et al.		

FOREIGN PATENT DOCUMENTS

TRANSLATION										
		DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS	YES	NO	
										Eng. Abstract
		JP-A-2001-168491	6/22/01	Japan						XX
		JPA-11-26943	1/29/1999	Japan						XX

* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	Office Action from Japan Patent Office issued on May 16, 2007 for the corresponding Japanese patent application No. 2003-101461 (a copy and English translation thereof)
EXAMINER	DATE CONSIDERED